GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Agriculture & Cooperation Department – Rythu Sadhikara Samstha – Andhra Pradesh Drought Mitigation Project (APDMP) - Implementation of Zero Budget Natural Farming (ZBNF) in all the villages of Andhra Pradesh Drought Mitigation Project (APDMP) areas – Action Plan – Approved- Orders – Issued.

AGRICULTURE & COOPERATION (AGRI.II) DEPARTMENT

G.O.RT.No. 282 Dated: 04-04-2019

Read the following:-

1. Lr.No:1039/A2/2019, Dt:01.03.2019 of Agriculture & Cooperation (AGRI.II) Department.
2. From the Advisor to Government of Andhra Pradesh, Agriculture and Cooperation Department & Co-vice Chairman, Rythu Sadhikara Samstha, Guntur, Lr. No:RySS/NF/APDMP/37/2019, Dt:30.03.2019.

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ORDER:

In the circumstances reported by the Advisor to the Government of Andhra Pradesh, Agriculture and Cooperation Department & Co-vice Chairman, Rythu Sadhikara Samstha, Guntur, in the reference second read above, the Government hereby approve the following action plan for implementation of Zero Budget Natural Farming (ZBNF) in all the villages of Andhra Pradesh Drought Mitigation Project (APDMP) areas:

Implementation of Zero Budget Natural Farming (ZBNF) in the Andhra Pradesh Drought Mitigation Project (APDMP) Villages further the objectives of Andhra Pradesh Drought Mitigation Project (APDMP) and Zero Budget Natural Farming (ZBNF) simultaneously. The goal of Andhra Pradesh Drought Mitigation Project (APDMP) is to improve the incomes and strengthen the drought resilience of 165,000 farm households. This will be achieved through strengthening the adaptive capacity and productivity of agriculture in 330 GPs across 110 most drought prone mandals in Anantapur, Chittoor, Kadapa, Kurnool (the Rayalaseema region) and Prakasam, the five driest districts of the state. On an average, each GP is targeting to cover all farmers, about 500 farmers, and 850 ha. The main components include: Climate resilient production systems and farmers organizations; and drought proofing through NRM and water governance. The objective of Zero Budget Natural Farming (ZBNF) is to convert the farm families to climate resilient zero-budget natural farming on a saturation basis. Thus, there is a complete sync between the two projects and therefore, it is proposed to take up Zero Budget Natural Farming (ZBNF) implementation in these 330 GPs starting from 2019.

1. Cost of implementing Zero Budget Natural Farming (ZBNF) in one GP to cover all farmers is Rs. 1.22 crore spread over 6 years (start year plus five years) in that GP with an average cost per farmer estimated at Rs. 26,220 for 6-year period. Start year requires Rs. 4.25 lakh per GP.

[P.t.o]

2. The cost components for the 6 years and for the initial year for one Gram Panchayat are given below:

S. No.	Component	*Funds required for one Gram Panchayat (in Rs.)*	
		(for 6-years)	*(1st Year)*
1	Capacity Building (49%)	**60,23,440**	**2,25,000**
2	Institution Building (26%)	**31,23,000**	**50,000**
3	Input Support (4%)	**4,65,000**	**1,50,000**
4	Tracking and Monitoring (11%)	**13,95,000**	-
5	Marketing Support (6%)	**6,97,500**	-
6	Technical Backstopping (4%)	**4,88,250**	-
	Cost per Gram Panchayat	**1,21,92,190**	**4,25,000**

3. Total Costs for 330 Gram Panchayats:

Details	Y1	Y2	Y3	Y4	Y5	Y6	Total
Total per Gram Panchayat (RS. Lakh)	4.25	27.26	31.04	31.17	15.56	12.64	121.92
Total/330 Gram Panchayats (Rs. Cr)	**14.03**	**89.95**	**102.44**	**102.88**	**51.34**	**41.71**	**402.34**

4. Accordingly, estimated funds of **Rs. 402 crore** is required to fully implement Zero Budget Natural Farming (ZBNF) in **all 330 Gram Panchayats** in all 6 years. **Start year requires Rs. 14 crore. And first 3 years require Rs.206 Crore.**

Availability of Funds:

5. Total funds for Andhra Pradesh Drought Mitigation Project (APDMP) is USD 148 M (approximately Rs. 1,020 crore). Out of which 75% is earmarked for climate resilient agriculture. Funding components under Andhra Pradesh Drought Mitigation Project (APDMP) that are most relevant for implementing Zero Budget Natural Farming (ZBNF) programme are:

   - crop production system adapting to climate change
   - knowledge dissemination and demonstrations,
   - soil fertility management,
   - strengthening farmer producer organizations, and
   - promoting tree crops

6. Cluster development as per Zero Budget Natural Farming (ZBNF) scaling-up plan requires one internal CRP to be deployed in a Gram Panchayat in the first year and gradually increased to a steady state. A steady state

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cluster team will be as follows:

	Team Members in a Cluster	**#**
	L1 CRP at Cluster level	1
	L2 CRP at Gram Panchayat level	5
	L3 IB CRP within Gram Panchayat level (VOA)	10
	L3 Village Digital Associates (VDA)	10
	L3 CRP within Gram Panchayat	10
	Social Mobilization Professional (SMP)	1
	Digital CRP	1
	Natural Farming Fellow (NFF)	1
	Thematic CRPs (Communications, M&E, Research, Marketing, Health&Nutrition, Water, Energy etc.): as needed	

7. The plan aims at the generation of the following results in a Gram Panchayat:

1	Farmers' Outreach	465
2	Farmers - Cumulative Coverage	465
3	Farmers - Seed to Seed (cumulative)	400
4	Farmers' Groups (cumulative)	40
5	Village Farmers' Federations (cumulative)	2
6	Cluster Farmers' Federation (cumulative) (1 for 5 Gram Panchayats)	1
7	Lead/Active Farmers (cumulative)	80
8	Master Farmers/ICRPs (cumulative)	5
9	Access to Input-Output Enterprises	2
10	Market Support to Farmers (cumulative)	400

2. The Chief Executive Officer, Rythu Sadhikara Samstha, A.P., Vijayawada shall take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

B.RAJSEKHAR
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Chief Executive Officer, Rythu Sadhikara Samstha, A.P., Vijayawada.
Copy to:-
The Advisor to Government of Andhra Pradesh,
Agriculture and Cooperation Department &
Co-vice Chairman, Rythu Sadhikara Samstha,
Zero Budget Natural Farming (ZBNF) Wing,
Sahasra Apartments, Block No:2, Amaravathi Road,
Guntur - 522 034.
SF/SC.

//FORWARDED :: BY ORDER//

SECTION OFFICER